



State of Utah

Department of
Environmental Quality

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Executive Director

DIVISION OF AIR QUALITY
Richard W. Sprott
Director

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Lieutenant Governor

DAQE-IN3000002-04

August 24, 2004

Scott Bassett
Questar Pipeline Company
1140 West 200 South
PO Box 45360
Salt Lake City, Utah 84145-360

Dear Mr Bassett:

Re: Intent to Approve: Price Dew Point Plant, Carbon County, CDS B, ATT, HAPs
Project Code: N3000-002

The attached document is the Intent to Approve (ITA) for the above-referenced project. ITAs are subject to public review. Any comments received shall be considered before an Approval Order is issued.

Future correspondence on this Intent to Approve should include the engineer's name as well as the DAQE number as shown on the upper right-hand corner of this letter. Please direct any technical questions you may have on this project to Mr. Tad Anderson. He may be reached at (801) 536-4456.

Sincerely,

Rusty Ruby, Manager
New Source Review Section

RR:TA:jc

cc: Southeastern Utah District Health Department

STATE OF UTAH

Department of Environmental Quality

Division of Air Quality

**INTENT TO APPROVE: Modification to DAQE-AN3000001-04,
Price Dew Point Plant**

Prepared By: Tad Anderson, Engineer
(801) 536-4456
Email: tdanderson@utah.gov

INTENT TO APPROVE NUMBER

DAQE-IN3000002-04

Date: August 24, 2004

Questar Pipeline Company

Source Contact
Scott Bassett
(801) 324-3820

Richard W. Sprott
Executive Secretary
Utah Air Quality Board

Abstract

Questar Pipeline Company has requested to modify DAQE-AN3000001-04 the Price Dew Point Plant. The Price Dew Point Plant is located approximately north east of Price, Utah. The Price Dew Point Plant consists of a natural gas internal combustion engine, natural gas heater, two storage tanks and a dehydration unit. Questar is requesting to add several small space heaters, tank/separator unit, backup generator and increase condensate throughput. The emission increase from the Price Dew Point Plant are as follows: 0.01 Tons Per Year (TPY) of PM₁₀, 0.30 TPY of NO_x, 0.31 of TPY CO, 37.57 TPY of VOC, and 0.27 TPY of HAP's. The emission from the Price Dew Point Plant are as follows: 0.016 Tons Per Year (TPY) of PM₁₀, 4.28 TPY of NO_x, 4.22 of TPY CO, 97.05 TPY of VOC, and 6.06 TPY of combined HAP's.

The Price Dew Point Plant is located in an attainment area for all criteria pollutants. There is no NSPS for this process. Title V does not apply to this source. The estimated emissions from the operation of this source are below the threshold level established in DAQ's modeling for criteria pollutant guidelines. Since there will be an increase in emissions associated with this proposal, a 10-day public comment period is required.

The Notice of Intent (NOI) for the above-referenced project has been evaluated and has been found to be consistent with the requirements of the Utah Administrative Code Rule 307 (UAC R307). Air pollution producing sources and/or their air control facilities may not be constructed, installed, established, or modified prior to the issuance of an Approval Order (AO) by the Executive Secretary of the Utah Air Quality Board.

A 10-day public comment period will be held in accordance with UAC R307-401-4. A notice of intent to approve will be published in the Sun Advocate on August 26, 2004. During the public comment period the proposal and the evaluation of its impact on air quality will be available for both you and the public to review and comment. If anyone so requests a public hearing it will be held in accordance with UAC R307-401-4. The hearing will be held as close as practicable to the location of the source. Any comments received during the public comment period and the hearing will be evaluated.

Please review the proposed AO conditions during this period and make any comments you may have. The proposed conditions of the AO may be changed as a result of the comments received. Unless changed, the AO will be based upon the following conditions:

General Conditions:

1. This Approval Order (AO) applies to the following company:

Corporate Office Location
Questar Regulated Services
P.O. Box 45360
Salt Lake City, Utah 84145-0360
Phone Number (801) 324-3820
Fax Number (801) 324-3883

The equipment listed below in this AO shall be operated at the following location:

PLANT LOCATION:

1.5 miles northwest of Price, Utah

Universal Transverse Mercator (UTM) Coordinate System:

4,385,399 m. Northing, 515,336 m. Easting, Zone 12, Datum NAD 1927

2. All definitions, terms, abbreviations, and references used in this AO conform to those used in the Utah Administrative Code (UAC) Rule 307 (R307) and Title 40 of the Code of Federal Regulations (40 CFR). Unless noted otherwise, references cited in these AO conditions refer to those rules.
3. Questar Pipeline Company shall install and operate the plant or equipment according to the terms and conditions of this AO as requested in the Notice of Intent dated August 5, 2004.
4. The limits set forth in this AO shall not be exceeded without prior approval in accordance with R307-401.
5. Modifications to the equipment or processes approved by this AO that could affect the emissions covered by this AO must be reviewed and approved in accordance with R307-401-1
6. This AO shall replace DAQE-AN3000 01-04, dated April 23, 2004.
7. The approved installations shall consist of the following equipment or equivalent*:
 - A. One (1) Compressor engine

Size	420
Manufacture rating:	370
Site rating:	22.9 MMSCF
Annual consumption:	3-way NSCR
Controls	17 feet from ground (1.3 building height)
Stack Height:	4 feet from building
 - B. One (1) Hot Oil Heater

Size:	0.95 MMBTU/hr
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 - C. One (1) Dehydration unit

Stack Height:	25 feet from ground (1.3 building height)
	6 feet from building
 - D. One (1) Liquid Storage Tank (#532)

Size:	12,600 gallons
Type:	Vertical Fixed Roof
 - E. One (1) Liquid Storage Tank (#1079)

Size:	16,800 gallons
Type:	Vertical Fixed Roof

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|----|-------------------------------------|------------------------|
| F. | One (1) Liquid Storage Tank (#1794) | |
| | Size: | 16,800 gallons |
| | Type: | Vertical Fixed Roof |
| G. | One (1) Backup generator | |
| | Size: | 80 hp |
| H. | Four (4) Small space heaters | |
| | Size: | less than 0.3 MMBTU/hr |
| I. | One (1) Steam Cleaner | |
| | Size: | 0.35 MMBTU/hr |

* Equivalency shall be determined by the Executive Secretary.

8. Questar Pipeline shall notify the Executive Secretary in writing when the installation of the equipment listed in Condition #7(F-H) has been completed and is operational, as an initial compliance inspection is required. To insure proper credit when notifying the Executive Secretary, send your correspondence to the Executive Secretary, attn: Compliance Section.

If construction and/or installation has not been completed within eighteen months from the date of this AO, the Executive Secretary shall be notified in writing on the status of the construction and/or installation. At that time, the Executive Secretary shall require documentation of the continuous construction and/or installation of the operation and may revoke the AO in accordance with R307-401-11.

Limitations

9. Visible emissions from stacks shall not exceed 10% opacity and any other stationary point or fugitive emission source associated with the source or with the control facilities shall not exceed 20% opacity. Opacity observations of emissions from stationary sources shall be conducted in accordance with 40 CFR 60, Appendix A, Method 9.
10. The following limits shall not be exceeded without prior approval in accordance with R307-401:
- A. 9500 bbl of condensate produced to atmospheric tank per rolling 12-month average (26 bbl/day)

Compliance with the annual limitations shall be determined on a rolling 12-month total. The owner/operator shall calculate a new 12-month total by the twentieth day of each month using data from the previous 12 months. Records of consumption shall be kept for all periods when the plant is in operation. Records of consumption, including rolling 12-month totals, shall be made available to the Executive Secretary or Executive Secretary's representative upon request and the records shall include the two-year period prior to the date of the request. Records shall determine consumption. The records of consumption shall be kept on a monthly basis.

Fuels

11. The owner/operator shall use only pipeline quality natural gas as a primary fuel. If any other fuel is to be used, an AO shall be required in accordance with R307-401, UAC.

Records & Miscellaneous

12. At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any equipment approved under this Approval Order including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Executive Secretary which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. All maintenance performed on equipment authorized by this AO shall be recorded, and the records shall be maintained for a period of two years. Maintenance records shall be made available to the Executive Secretary or Executive Secretary's representative upon request, and the records shall include the two-year period prior to the date of the request.
13. The owner/operator shall comply with R307-107, UAC General Requirements, Unavoidable Breakdown. However, to be in compliance, this facility must operate in accordance with the most current version of the UAC, R307-107.

The Executive Secretary shall be notified in writing if the company is sold or changes its name.

Under R307-150-1, UAC, the Executive Secretary may require a source to submit an emission inventory for any full or partial year on reasonable notice.

This AO in no way releases the owner or operator from any liability for compliance with all other applicable federal, state, and local regulations including UAC R307.

A copy of the rules, regulations and/or attachments addressed in this AO may be obtained by contacting the Division of Air Quality. The Utah Administrative Code R307 rules used by DAQ, the Notice of Intent (NOI) guide, and other air quality documents and forms may also be obtained on the Internet at the following web site:

<http://www.airquality.utah.gov/>

The annual emission estimations below include point source, and do not include fugitive emissions, fugitive dust, road dust, tail pipe emissions, grandfathered emissions etc. These emissions are for the purpose of determining the applicability of Prevention of Significant Deterioration, nonattainment area, maintenance area, and Title V source requirements of the UAC R307. They are not to be used for determining compliance.

The Potential To Emit (PTE) emissions for Questar's Price Dew Point plant are currently calculated at the following values:

	<u>Pollutant</u>	<u>Tons/yr</u>
C.	PM ₁₀	0.16
D.	NO _x	4.28
E.	CO	4.26
F.	VOC	97.05
G.	Formaldehyde.....	0.04
F.	Benzene	2.44
G.	Toluene.....	2.19
H.	Xylene	0.47
J.	n-Hexane	1.42
	Total HAP's	6.06

The Division of Air Quality is authorized to charge a fee for reimbursement of the actual costs incurred in the issuance of an AO. An invoice will follow upon issuance of the final Approval Order.

Sincerely,

Rusty Ruby, Manager
New Source Review Section